

U.S. Application No. 10/506,848  
Reply to Non-Final Office Action mailed on August 14, 2007

PATENT  
450104-04424

### **REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the remarks herewith. The present amendment is being made to facilitate prosecution of the application.

#### **I. STATUS OF THE CLAIMS AND FORMAL MATTERS**

Claims 1, 6 and 11-16 are pending. Claims 1 and 6, which are independent, are hereby amended. Claims 11-16 are hereby added. Support for this amendment is provided throughout the Specification. Claims 2-5 and 7-10 are hereby cancelled without prejudice or disclaimer of subject matter.

The Abstract is hereby amended.

No new matter has been introduced by this amendment. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

#### **II. REJECTIONS UNDER 35 U.S.C. §112 AND §103(a)**

Claims 1 and 2 were rejected under 35 U.S.C. §112, second paragraph, as allegedly indefinite.

Claims 1 and 6 were rejected under 35 U.S.C. §103(a), as allegedly unpatentable over EU 0 410 419 to Sekine (hereinafter, merely "Sekine") in view of U.S. Patent No. 7,245,319 to Enomoto (hereinafter, merely "Enomoto").

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Claims 2, 3, 7 and 8 were rejected under 35 U.S.C. §103(a), as allegedly unpatentable over Sekine in view of Enomoto and further in view of U.S. Patent No. 5,274,457 to Kobayashi et al. (hereinafter, merely "Kobayashi"). Claims 4 and 9 and 5 and 10 were rejected under 35 U.S.C. §103(a), as allegedly unpatentable over a combination of Sekine, Enomoto, Kobayashi and further in view of U.S. Patent No. 6,380,974 to Hieda et al. (hereinafter, merely "Hieda").

### III. RESPONSE TO REJECTIONS

Claim 1 is amended, thereby obviating rejections under 35 U.S.C. §112, second paragraph.

Claim 1 recites, *inter alia*:

"...signal conversion means for converting an output signal from said resolution changing means into an image signal for recording; and

recording and reproducing means for recording and reproducing said image signal to be recorded in a recording medium together with information on the driving state of said camera lens and an amount of camera shake correction that are detected by said detection means when taking a picture,

wherein the control means defines a changing coefficient of enlargement or reduction based on a driving state of the camera lens and a position of an optical axis based on an optical axis centered shift vector of the camera lens obtained from camera shake correcting vector and the control means controls said changing coefficient of enlargement or reduction and the optical axis centered coordinate around the position of the optical axis according to the changing coefficient, and

wherein the image pick-up apparatus has a first mode of correcting chromatic aberration when taking a picture and a second mode of correcting chromatic aberration based on reproduced information on the driving state of the camera lens and reproduced amount of camera shake correction."

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(Emphasis added)

As understood by Applicants, Sekine relates to a photographing apparatus that detects a shake and deflecting means for deflecting the optical image based on the detected shake.

As understood by Applicants, Enomoto relates to a digital image shooting device with a lens characteristic correction unit.

Applicants respectfully submit that Sekine and Enomoto, taken either alone or in combination, fail to disclose or suggest the above identified features of claim 1.

Specifically, the references used as a basis of rejection fail to teach or suggest that the image pick-up apparatus has a first mode of correcting chromatic aberration when taking a picture and a second mode of correcting chromatic aberration based on reproduced information on the driving state of the camera lens and reproduced amount of camera shake correction, as recited in claim 1. Therefore, Applicants submit that claim 1 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claim 6 is also patentable.

#### IV. DEPENDENT CLAIMS

The other claims are dependent from one of the independent claims, discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

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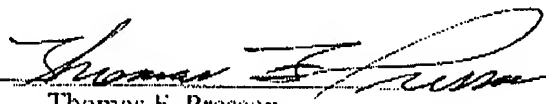
### CONCLUSION

In the event the Examiner disagrees with any of the statements appearing above with respect to the disclosures in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,  
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